

**State Water Resources Control Board**  
Division of Drinking Water

October 31, 2014  
System No.: 1610003

Mr. Lou Camara, Public Works Director  
City of Hanford  
900 W. 10<sup>th</sup> Avenue  
Hanford, CA 93230

RE: Citation No. 03-12-14C-015  
Violation of Title 22, California Code of Regulations, Section 64426.1, Total Coliform  
MCL

Dear Mr. Camara:

Enclosed is a Citation issued to the City of Hanford (City) public water system.

The City will be billed at the Division's hourly rate (currently estimated at \$126.00) for the time spent on issuing this Citation. The California Health and Safety Code Section 116577 specifies that a public water system must reimburse the Division for actual costs incurred by the Division for specified enforcement actions, including but not limited to, preparing, issuing and monitoring compliance with a citation. At this time, the Division has spent approximately three hours on enforcement activities associated with this violation.

The City will receive a bill sent from the Division of Drinking Water Fee Billing Unit in August of the next fiscal year. This bill will contain fees for any enforcement time spent on the City of Hanford for the current fiscal year.

If you have any questions regarding this letter and the enclosed citation, please contact the Visalia District office at (559) 447-3300.

Sincerely,



Tricia A. Wathen, P.E.  
Senior Sanitary Engineer, Visalia District  
SOUTHERN CALIFORNIA BRANCH  
DRINKING WATER FIELD OPERATIONS

cc: John Doyle, City of Hanford  
TW/BP  
Enclosures

**STATE OF CALIFORNIA  
WATER RESOURCES CONTROL BOARD  
DIVISION OF DRINKING WATER**

IN RE: **CITY OF HANFORD**  
Water System No. 1610003

TO: Mr. Lou Camara, Public Works Director  
City of Hanford  
900 S. 10<sup>th</sup> Avenue  
Hanford, CA 93230

CC: Kings County Environmental Health Services Department

**CITATION FOR VIOLATION OF  
CALIFORNIA CODE OF REGULATIONS, TITLE 22, SECTION 64426.1  
Total Coliform MCL  
June, July, August, September and October 2014**

**Issued on October 31, 2014**

Section 116650 of the California Health and Safety Code authorizes the issuance of a citation to a public water system for violation of the California Safe Drinking Water Act (Health and Safety Code, Division 104, Part 12, Chapter 4, commencing with Section 116270) (hereinafter "California SDWA"), or any regulation, standard, permit or order issued or adopted thereunder.

The State Water Resources Control Board (hereinafter "Board"), acting by and through its Division of Drinking Water (hereinafter "Division") and the Deputy Director for the Division (hereinafter "Deputy Director"), hereby issues a citation to the City of Hanford (hereinafter "City") (900 S. 10<sup>th</sup> Avenue, Hanford, CA 93230) for violation of the California Code of Regulations (CCR), Title 22, Section 64426.1.

1 **APPLICABLE AUTHORITIES**

2 The applicable statutes and regulations are provided in Appendix A, attached hereto and  
3 incorporated by reference.  
4

5 **STATEMENT OF FACTS**

6 In accordance with the approved bacteriological sample siting plan, the City is required to  
7 collect sixteen (16) distribution system bacteriological samples per week. Upon being  
8 informed of the presence of total coliform bacteria in one (1) routine sample collected at  
9 Site No. 7 (510. W. Florinda Street) on June 18, 2014, the City began collecting the proper  
10 number of repeat samples as well as special investigative samples. The bacteriological  
11 contamination continued problem for the months of June, July, August, September and  
12 October of 2014.  
13

14 The bacteriological water analysis results submitted by the City reported the presence of  
15 total coliform bacteria in ten (10) of ninety-seven (97) samples, 10.3% of samples collected  
16 by the City in June 2014. None of the positive samples showed the presence of fecal  
17 coliform or *E. coli* bacteria.  
18

19 The bacteriological water analysis results submitted by the City reported the presence of  
20 total coliform bacteria in fifty-one (51) of one-hundred seventeen (117) samples, 43.6% of  
21 samples collected by the City in July 2014. None of the positive samples showed the  
22 presence of fecal coliform or *E. coli* bacteria.  
23

24 The bacteriological water analysis results submitted by the City reported the presence of  
25 total coliform bacteria in twenty-three (23) of one-hundred sixty-three (163), 14.1% of  
26 samples collected by the City in August 2014. None of the positive samples showed the  
27 presence of fecal coliform or *E. coli* bacteria.

1 The bacteriological water analysis results submitted by the City reported the presence of  
2 total coliform bacteria in nine (9) of one-hundred seventy (170), 5.3% of samples collected  
3 by the City in September 2014. None of the positive samples showed the presence of fecal  
4 coliform or *E. coli* bacteria.

5  
6 The bacteriological water analysis results submitted by the City reported the presence of  
7 total coliform bacteria in twelve (12) of one-hundred sixty (160), 7.5% of samples collected  
8 by the City in October 2014. None of the positive samples showed the presence of fecal  
9 coliform or *E. coli* bacteria.

10  
11 Due to the above-mentioned total coliform positive samples, the City failed the total  
12 coliform MCL for the months of June, July, August, September and October 2014.

13  
14 The City determined that the cause of the June total coliform MCL failure was due to  
15 construction and replacement of water mains within in the distribution system. The City  
16 linked one specific contractor and their poor construction techniques as the initial cause of  
17 the bacteriological contamination. In addition, the City was able determine the total coliform  
18 positive samples were located primarily on the southwest side of the distribution system.  
19 Historically, the City's normal response to positive bacteriological samples in the  
20 distribution system was to flush the area and resample. The City was unable to mitigate the  
21 bacteriological problem after multiple weeks of extensive flushing and repeat sampling. A  
22 possible cause of the ongoing bacteriological problem is the presence of biofilm on the  
23 pipe walls.

24  
25 On August 1, 2014, the Division directed the City to implement their emergency  
26 chlorination plan. The City installed chemical injection pumps and began chlorination using  
27 sodium hypochlorite at Well Nos. 40, 42, 45, 46 and 49. After free chlorine residual was  
established in the affected area, the City was able to obtain repeat bacteriological samples

1 that were negative for total coliform bacteria. However, as the City reduced the chlorine  
2 residual in the affected area of the distribution system the presence of total coliform  
3 bacteria returned in the repeat samples. On October 16, 2014, after continued  
4 bacteriological sampling at varying chlorine residual and extensive flushing, the Division  
5 directed the City to install continuous chlorination as the long term solution to the  
6 distribution system's bacteriological problem. On October 30, 2014, the City submitted to  
7 the Division a completed Domestic Water Supply Permit Amendment Application for  
8 continuous chlorination treatment.

9  
10 The Groundwater Rule (GWR) requires the collection of a sample for bacteriological  
11 evaluation from the well(s) serving the system in response to a coliform-positive distribution  
12 sample within 24 hours of being notified of the coliform-positive result. Based on data  
13 submitted to the Division, the City did collect their raw water well samples in a timely  
14 manner in follow-up to the total coliform-positive routine samples collected in the months of  
15 June, July, August, September and October 2014. Bacteriological results of these wells did  
16 not show the presence of total coliform bacteria or *E. coli* bacteria.

17  
18 Public notification to the Division and consumers of a water system is required whenever a  
19 violation of the Total Coliform MCL occurs. Notification to the Division is required by the  
20 end of the business day on which the violation has been determined. If the Division is  
21 closed, notification shall be within 24 hours of the determination. The Division was notified  
22 on June 19, 2014, in accordance with the above-referenced section. The City continued to  
23 provide daily updates to the Division regarding the daily bacteriological monitoring and  
24 emergency chlorination throughout this entire event.

25  
26 Public notification to the customers of the City was conducted on: August 4, 2014; August  
27 7, 2014; September 19, 2014; and October 21, 2014; advising customers of the failure of  
the total coliform MCL during the months of June, July, August and September 2014,

1 respectively. Copies of the notices posted in the Hanford Sentinel, a local newspaper, and  
2 on the City's website are provided as Attachment C. The completed Proof of Notification  
3 forms are provided as Attachment D.  
4

#### 5 DETERMINATION

6 Title 22, CCR, Section 64426.1, provides that a public water system that collects at least  
7 40 samples per month has failed to comply with the total coliform MCL whenever more  
8 than five percent of the samples collected during any month are total coliform-positive.  
9

10 The Division has determined that the City failed to comply with Title 22, CCR, Section  
11 64426.1, Total Coliform MCL for the months of June, July, August, September, and  
12 October 2014, due to the presence of total coliform bacteria in at least five percent of  
13 samples collected each month.  
14

#### 15 DIRECTIVES

16 The City is hereby directed to take the following actions:  
17

- 18 1. Comply with Title 22, CCR, Section 64426.1, in all future monitoring periods.  
19
- 20 2. The City shall notify the Division of any further violations of the total coliform MCL  
21 by the end of the business day on which the violation has been determined, or, if  
22 the Division is closed, within 24 hours of the determination.  
23
- 24 3. By November 15, 2014, the City shall provide the Division a copy of the distributed  
25 public notification and the completed Proof of Notification form for the month of  
26 October 2014.  
27

- 1       4.       By December 1, 2014, the City shall provide to the Division a record of customer  
2               complaints for the months of June, July, August, September and October of 2014.  
3               The record should at a minimum include: the date, the name, location, phone  
4               number, complaint type and corrective actions.  
5
- 6       5.       By December 1, 2014, the City shall provide to the Division a record of the quantity  
7               of water used for flushing purposes, per month, as it relates to this bacteriological  
8               event.  
9
- 10       6.       By February 1, 2015, the City shall submit to the Division a revised draft Operations  
11               Plan. The draft Operations Plan should address all items as they relate to the City's  
12               water system specified in Title 22, CCR, Section 64600. A copy of Section 64600 is  
13               provided in Attachment E.  
14
- 15       7.       By April 1, 2015, the City shall install the necessary facilities to reliably provide  
16               continuous chlorination of the entire City.  
17
- 18       8.       The City shall continue to provide emergency chlorination treatment at 40, 42, 45,  
19               46 and 49 and maintain detectable chlorine residual in the southern portion of the  
20               distribution system until permanent facilities have been constructed and chlorination  
21               implemented.  
22  
23  
24  
25  
26  
27

1 The Division reserves the right to make such modifications to the Citation as it may deem  
2 necessary to protect public health and safety. Such modifications may be issued as  
3 amendments to this Citation and shall be effective upon issuance.  
4

5 Nothing in this Citation relieves the City of its obligation to meet the requirements of the  
6 California Safe Drinking Water Act or any regulation, standard, permit or order issued  
7 thereunder.  
8

9 All submittal required by this Citation shall be submitted to the Division at the following  
10 address:  
11

12 Tricia A. Wathen, P.E.  
13 Senior Sanitary Engineer  
14 State Water Resources Control Board  
15 Division of Drinking Water  
265 W. Bullard Avenue, Suite 101  
Fresno, CA 93704

#### 16 **PARTIES BOUND**

17 This Citation shall apply to and be binding upon the City of Hanford, its officers, directors,  
18 agents, employees, contractors, successors, and assignees.  
19

#### 20 **SEVERABILITY**

21 The Directives of this Citation are severable, and the City shall comply with each and every  
22 provision thereof notwithstanding the effectiveness of any provision.  
23  
24  
25  
26  
27

1 **FURTHER ENFORCEMENT ACTION**

2 The California SDWA authorizes the Board to: issue citation with assessment of  
3 administrative penalties to a public water system for violation or continued violation of the  
4 requirements of the California SDWA or any permit, regulation or order issued or adopted  
5 thereunder including, but not limited to, failure to correct a violation identified in a citation or  
6 compliance order. The California SDWA also authorizes the Board to take action to  
7 suspend or revoke a permit that has been issued to a public water system if the system  
8 has violated applicable law or regulations or has failed to comply with an order of the  
9 Board; and to petition the superior court to take various enforcement measures against a  
10 public water system that has failed to comply with an order of the Board. The Board does  
11 not waive any further enforcement action by issuance of this citation.  
12  
13  
14  
15  
16

17 October 31, 2014

18 Date

17 Tricia A. Wathen

18 Tricia A. Wathen, P.E.  
19 Senior Sanitary Engineer, Visalia District  
20 DRINKING WATER FIELD OPERATIONS BRANCH  
21  
22

23 **TW/BP**

24 **Attachments:**

24 Attachment A: Summary of Distribution Bacteriological Samples from Jan 2013 to Sep 2014  
25 Attachment B: Summary of Source Bacteriological Samples from Jan 2013 to Sep 2014  
26 Attachment C: Public Notice for June, July, August and September 2014  
27 Attachment D: Proof of Notification for June, July, August, September 2014  
Attachment E: Section 64600 of Title 22, California Code of Regulations

03-12-14C-015-1610003-22 TCRMCL June-Oct

## APPENDIX A

### Applicable Statutes and Regulations for Citation No. 03-12-14C-015

#### Section 116650 of the CHSC states in relevant part:

##### §116650. Citations

- (a) If the Division determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the Division may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.
- (b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.
- (c) A citation may specify a date for elimination or correction of the condition constituting the violation.
- (d) A citation may include the assessment of a penalty as specified in subdivision (e).
- (e) The Division may assess a penalty in an amount not to exceed one thousand dollars (\$1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation.

#### Section 64426.1 of Title 22, California Code of Regulations (CCR) states in relevant part:

##### §64426.1. Total Coliform Maximum Contaminant Level (MCL).

- (a) Results of all samples collected in a calendar month pursuant to Sections 64423, 64424, and 64425 that are not invalidated by the Department or the laboratory shall be included in determining compliance with the total coliform MCL. Special purpose samples such as those listed in §64421(b) and samples collected by the water supplier during special investigations shall not be used to determine compliance with the total coliform MCL.
- (b) A public water system is in violation of the total coliform MCL when any of the following occurs:
  - (1) For a public water system which collects at least 40 samples per month, more than 5.0 percent of the samples collected during any month are total coliform-positive; or
  - (2) For a public water system which collects fewer than 40 samples per month, more than one sample collected during any month is total coliform-positive; or
  - (3) Any repeat sample is fecal coliform-positive or E. coli-positive; or
  - (4) Any repeat sample following a fecal coliform-positive or E. coli-positive routine sample is total coliform-positive.
- (c) If a public water system is not in compliance with paragraphs (b)(1) through (4), during any month in which it supplies water to the public, the water supplier shall notify the Department by the end of the business day on which this is determined, unless the determination occurs after the Department office is closed, in which case the supplier shall notify the Department within 24 hours of the determination. The water supplier

shall also notify the consumers served by the water system. A Tier 2 Public Notice shall be given for violations of paragraphs (b)(1) or (2), pursuant to section 64463.4. A Tier 1 Public Notice shall be given for violations of paragraphs (b)(3) or (4), pursuant to section 6446

DRAFT

**Attachment A:**  
**Summary of Distribution Bacteriological Samples from Jan 2013 to Sep 2014**

# Bacteriological Distribution Monitoring Report

1610003 Hanford, City of

Distribution System Freq: 15/W

Sample Date	Location	T Coli	E Coli	F Coli	HPC	Type	Cl2	Cl2 Avg	Viol. Type	GWR Satisfied?	Comments
10/1/2013	12 Tanks	A	A			Other					
10/1/2013	64 samples	A	A			Routine					
9/1/2013	12 tanks	A	A			Other					
9/1/2013	80 samples	A	A			Routine					
8/1/2013	12 tank	A	A			Other					
8/1/2013	64 samples	A	A			Routine					
7/1/2013	15 tanks	A	A			Other					
7/1/2013	80 samples	A	A			Routine					
6/1/2013	12 tanks	A	A			Other					
6/1/2013	64 samples	A	A			Routine					
5/1/2013	11 tanks	A	A			Other					
5/1/2013	64 samples	A	A			Routine					
4/1/2013	15 tanks	A	A			Other					
4/1/2013	80 samples	A	A			Routine					
3/27/2013	1800 Block Fitzgerald	<1.1	<1.1			Repeat					
3/27/2013	FH @ Hampton & Fitzgerald	<1.1	<1.1			Repeat					
3/27/2013	FH @ Berkshire & Fitzgerald	<1.1	<1.1			Repeat					
3/27/2013	1800 Block Fitzgerald	<1.1	<1.1			Repeat					
3/25/2013	1800 Block Fitzgerald	6.9	<1.1			Routine				Yes	
3/7/2013	2570 Glacier Way	<1.1	<1.1			Repeat					
3/7/2013	FH @ Glacier & Willow	<1.1	<1.1			Repeat					
3/7/2013	FH @ Glacier & Orange	<1.1	<1.1			Repeat					
3/7/2013	245 E Redwood St	<1.1	<1.1			Repeat					
3/7/2013	310 E Redwood St.	<1.1	<1.1			Repeat					
3/7/2013	310 E Redwood St	<1.1	<1.1			Repeat					
3/7/2013	405 E Redwood St	<1.1	<1.1			Repeat					
3/7/2013	2570 Glacier Way	<1.1	<1.1			Repeat					
3/4/2013	310 E Redwood St	2.2	<1.1			Routine				Yes	
3/4/2013	2570 Glacier Way	1.1	<1.1			Routine				Yes	
3/1/2013	12 tank samples	A	A			Other					
3/1/2013	61 samples	A	A			Routine					
2/1/2013	12 tank samples	A	A			Other					
2/1/2013	64 samples	A	A			Routine					
1/1/2013	14 tanks	A	A			Other					
1/1/2013	79 samples	A	A			Routine					

## Violation Key

MCL	Exceeds the maximum contaminant level	MR5	Incorrect number of repeat samples as follow-up to a positive sample
MR1	No monthly sample for the report month	MR6	No source sample
MR2	No quarterly sample for the report month	MR7	No summary report submitted
MR3	Incorrect number of routine samples for the report month	MR8	Other comments and/or info
MR4	Did not collect 5 routine samples for previous month's positive sample	MR9	Cl2 not reported

**Attachment B:**  
**Summary of Source Bacteriological Samples from Jan 2013 to Sep 2014**

# Source Bacteriological Monitoring Report

**1610003 Hanford, City of**

Sample Date	Time	Source	Sample Type	Test Method	T Coli	E Coli	F Coli	HPC	Violation	Comments
7/23/2014		Wells: 40,42,43,45,46	Well	MPN	<1.1	<1.1				
7/17/2014		Wells: 40,42,43	Well	MPN	<1.1	<1.1				
7/8/2014		Wells: 33,35,36,38,47,49	Well	MPN	<1.1	<1.1				
7/7/2014		Wells: 41,44,45,46,48,40,42,43	Well	MPN	<1.1	<1.1				
7/4/2014		Wells: 40,42,43	GWR Well	MPN	<1.1		<1.1			
6/19/2014	16:53	Well 46	GWR Well	MPN	<1.1		<1.1			
6/1/2014		Wells: 33,35,36,38,40,41,42,43,44,45,46,47,48,49	Well	P/A	A	A				
6/1/2014		Tanks: 19 Samples	Storage	P/A	A					
5/1/2014		Tanks: 14 Samples	Storage	P/A	A	A				
5/1/2014		Wells: 33,35,36,38,40,41,42,43,44,45,46,47,48,49	Well	P/A	A	A				
4/1/2014		Tanks: 16 Samples	Storage	P/A	A	A				
4/1/2014		Wells: 33,35,36,38,40,41,42,43,44,45,46,47,48,49	Well	P/A	A	A				
3/19/2014	15:13	Tank 4	Storage	MPN	<1.1	<1.1				
3/19/2014	15:14	Tank 4	Storage	MPN	<1.1	<1.1				
3/17/2014	10:46	Tank 4	Storage	MPN	5.1	<1.1				
3/1/2014		Wells: 33,35,36,38,40,41,42,43,44,45,46,47,48,49	Well	P/A	A	A				
2/12/2014		Wells: 40,42,43,49	GWR Well	MPN	<1.1		<1.1			
2/1/2014		Wells: 33,35,36,38,40,41,42,43,44,45,46,47,48,49	Well	P/A	A	A				
2/1/2014		Wells: 4,5,7,11,13,14	Well		A					
1/1/2014		Wells: 33, 35, 36, 38, 40, 41, 43, 44, 45, 46, 47, 48, 49	Well	P/A	A	A				
12/1/2013		Wells: 33,35,36,38,40,41,43,44,45,46,47,48,49	Well	P/A	A	A				
11/1/2013		Wells: 33,35,36,38,40,41,42,43,44,45,46,47,48,49	Well	P/A	A	A				
10/1/2013		Wells: 33,35,36,38,40,41,42,43,44,45,46,47,48,49	Well	P/A	A	A				
9/1/2013		Wells: 33,35,36,38,40,41,42,43,44,45,46,47,48,49	Well	P/A	A	A				
8/1/2013		Wells: 33,35,36,38,40,41,42,43,44,45,46,47,48,49	Well	P/A	A	A				

**1610003 Hanford, City of**

<i>Sample Date</i>	<i>Time</i>	<i>Source</i>	<i>Sample Type</i>	<i>Test Method</i>	<i>T Coli</i>	<i>E Coli</i>	<i>F Coli</i>	<i>HPC</i>	<i>Violation</i>	<i>Comments</i>
7/1/2013		Wells: 33,35,36,38,40,41,42,4 3,44,45,46,47,48,49	Well	P/A	A	A				
6/1/2013		Wells: 33,35,36,38,40,41,42,4 3,44,45,46,47,48,49	Well	P/A	A	A				
5/1/2013		Wells: 33,35,36,38,40,41,42,4 3,44,45,46,47,48,49	Well	P/A	A	A				
4/1/2013		Wells: 33,35,36,38,40,41,42,4 3,44,45,46,47,48,49	Well	P/A	A	A				
3/27/2013	11:50	Well 41	GWR Well	MPN	<1.1	<1.1				
3/7/2013	1:18	Well 41	GWR Well	MPN	<1.1	<1.1				
3/7/2013	1:18	Well 41	GWR Well	MPN	<1.1	<1.1				
3/1/2013		Wells: 33,35,36,38,40,41,42,4 3,44,45,46,47,48,49	Well	P/A	A	A				
2/1/2013		Wells: 33,35,36,38,40,41,42,4 3,44,45,46,47,48,49	Well	P/A	A	A				
1/1/2013		Wells: 33,35,36,38,40,41,42,4 3,44,45,46,47,48,49	Well	P/A	A	A				

**Attachment C:**  
**Public Notice for June, July, August and September 2014**

**IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER**

Este informe contiene información muy importante sobre su agua potable.  
Tradúzcalo o hable con alguien que lo entienda bien.

---

**City of Hanford Had Levels of Coliform Bacteria  
Above the Drinking Water Standard**

---

Our water system recently failed a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what you should do, what happened and what we did to correct this situation.

We routinely monitor for drinking water contaminants. We took 97 samples to test for the presence of coliform bacteria in June 2014. 10.31% of these samples showed the presence of total coliform bacteria. The standard is that no more than 5 percent of samples per month may show the presence of coliform bacteria.

**What should I do?**

- **You do not need to boil your water or take other corrective actions.**
- This is not an emergency. If it had been, you would have been notified immediately. Total coliform bacteria are generally not harmful themselves. *Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.*
- Usually, coliforms are a sign that there could be a problem with the treatment or distribution system (pipes). Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or *E. coli*, are present. **We did not find any of these bacteria in our subsequent testing.**
- People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1(800) 426-4791.
- If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

**What happened? What is being done?**

The origins of the coliform bacteria was unknown. Water Division staff have flushed the lines in the suspect areas and subsequent testing has determined that the presence of the bacteria no longer exists.

For more information, please contact Utilities Superintendent, Mike Cosenza at (559) 585-2550 or at the following mailing address: City of Hanford, Public Works, 900 S. 10<sup>th</sup> Avenue, Hanford, CA 93230

**Secondary Notification Requirements**

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]: *This can be done by posting this public notice in a public place or distributing copies by hand or mail.*

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

This notice is being sent to you by the City of Hanford.

Date distributed: \_\_\_\_\_.

## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.  
Tradúzcalo o hable con alguien que lo entienda bien.

---

### City of Hanford Has Levels of Coliform Bacteria Above the Drinking Water Standard

---

Our water system recently failed a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what you should do, what happened and what we did to correct this situation.

We routinely monitor for drinking water contaminants. We took 117 samples to test for the presence of coliform bacteria in July, 2014. 43.59% of these samples showed the presence of total coliform bacteria. The standard is that no more than 5 percent of samples per month may show the presence of coliform bacteria.

#### What should I do?

- **You do not need to boil your water or take other corrective actions.**
- This is not an emergency. If it had been, you would have been notified immediately. Total coliform bacteria are generally not harmful themselves. *Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.*
- Usually, coliforms are a sign that there could be a problem with the treatment or distribution system (pipes). Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or *E. coli*, are present. **We did not find any of these bacteria in our subsequent testing.**
- People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1(800) 426-4791.
- If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

#### What happened? What is being done?

The City is currently chlorinating, flushing and collecting bacteriological samples in the affected area which is primarily south of Highway 198. We anticipate resolving the problem within the next one (1) to two (2) weeks.

For more information, please contact Public Utilities Superintendent, Mike Cosenza at (559) 585-2550 or at the following mailing address: City of Hanford, Public Works, 900 S. 10<sup>th</sup> Avenue, Hanford, CA 93230.

You may also contact the State Water Resources Control Board-Division of Drinking Water, Visalia District Office at (559) 447-3300.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.*

#### Secondary Notification Requirements

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

This notice is being sent to you by the City of Hanford.

Date distributed: 8/7/2014.

## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.  
Tradúzcalo o hable con alguien que lo entienda bien.

---

### City of Hanford Has Levels of Coliform Bacteria Above the Drinking Water Standard

---

Our water system recently failed a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what you should do, what happened and what we did to correct this situation.

We routinely monitor for drinking water contaminants. We took 163 samples to test for the presence of coliform bacteria in August, 2014. 14.11% of these samples showed the presence of total coliform bacteria. The standard is that no more than 5 percent of samples per month may show the presence of coliform bacteria.

#### What should I do?

- **You do not need to boil your water or take other corrective actions.**
- This is not an emergency. If it had been, you would have been notified immediately. Total coliform bacteria are generally not harmful themselves. *Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.*
- Usually, coliforms are a sign that there could be a problem with the treatment or distribution system (pipes). Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or *E. coli*, are present. **We did not find any of these bacteria in our subsequent testing.**
- People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1(800) 426-4791.
- If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

#### What happened? What is being done?

The City is currently chlorinating, flushing, and collecting bacteriological samples in the affected area which is primarily south of Highway 198. We will be continuing this chlorination plan until further notice.

For more information, please contact Public Utilities Superintendent, Mike Cosenza at (559) 585-2550 or at the following mailing address: City of Hanford, Public Works, 900 S. 10<sup>th</sup> Avenue, Hanford, CA 93230.

You may also contact the State Water Resources Control Board-Division of Drinking Water, Visalia District Office at (559) 447-3300.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.*

#### Secondary Notification Requirements

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

**Attachment D:**  
**Proof of Notification for June, July, August and September 2014**

**PROOF OF NOTIFICATION**  
(Return with copy of the Notice)

As required by Section 116450 of the California Health and Safety Code, I notified all users of water supplied by the **City of Hanford** of the failure to meet the **total coliform bacteria MCL** for the month of **June 2014** as directed by the Department. At least one primary distribution method is required: mail, hand-delivery or newspaper publication. A second method is also required in order to reach persons not likely to be reached by a mailing, direct delivery or newspaper publication (renters, nursing home patients, prison inmates, etc.):

Notification was made on 8/4/2014  
(date)

To summarize report delivery used and good-faith efforts used, please check all items below that apply and fill-in where appropriate:

- ☐ The notice was distributed by mail delivery to each customer served by the water system.
- ☐ The notice was distributed by direct delivery to each customer served by the water system. Specify direct delivery method(s) used: \_\_\_\_\_
- ☒ Publication of the notice in a local newspaper or newsletter of general circulation (attach a copy of the published notice, including name of newspaper and date published).
- ☐ Posted the notice at the following conspicuous locations served by the water system (if needed, please attach a list of locations). \_\_\_\_\_
- ☒ Posted the notice on the Internet at **www.cityofhanfordca.com** \_\_\_\_\_
- ☐ Other method used to notify customers. \_\_\_\_\_

**DISCLOSURE:** Be advised that Section 116725 and 116730 of the California Health and Safety Code state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in the county jail not to exceed one year, or by both the fine and imprisonment.

Certified by Name and Title: Mike Cosenza, Utility Superintendent  
Date: 8/12/14 Signature: Mike Cosenza

Due to the Dept. of Health Services within 10 days of notification to the public  
Total Coliform MCL Failure / Enforcement Action No.: To be assigned

**PROOF OF NOTIFICATION**  
(Return with copy of the Notice)

As required by Section 116450 of the California Health and Safety Code, I notified all users of water supplied by the **City of Hanford** of the failure to meet the **total coliform bacteria MCL** for the month of **July 2014** as directed by the Department. At least one primary distribution method is required: mail, hand-delivery or newspaper publication. A second method is also required in order to reach persons not likely to be reached by a mailing, direct delivery or newspaper publication (renters, nursing home patients, prison inmates, etc.):

Notification was made on 8/8/2014  
(date)

To summarize report delivery used and good-faith efforts used, please check all items below that apply and fill-in where appropriate:

- ☐ The notice was distributed by mail delivery to each customer served by the water system.
- ☐ The notice was distributed by direct delivery to each customer served by the water system. Specify direct delivery method(s) used: \_\_\_\_\_
- ☒ Publication of the notice in a local newspaper or newsletter of general circulation (attach a copy of the published notice, including name of newspaper and date published).
- ☐ Posted the notice at the following conspicuous locations served by the water system (if needed, please attach a list of locations). \_\_\_\_\_
- ☒ Posted the notice on the Internet at www.cityofhanfordca.com
- ☐ Other method used to notify customers. \_\_\_\_\_

**DISCLOSURE:** Be advised that Section 116725 and 116730 of the California Health and Safety Code state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in the county jail not to exceed one year, or by both the fine and imprisonment.

Certified by Name and Title: Mike Cosenza, Utilities Supt.  
Date: 8/15/14 Signature: [Signature]

Due to the Dept. of Health Services within 10 days of notification to the public  
Total Coliform MCL Failure / Enforcement Action No.: To be assigned

**PROOF OF NOTIFICATION**  
(Return with copy of the Notice)

As required by Section 116450 of the California Health and Safety Code, I notified all users of water supplied by the **City of Hanford** of the failure to meet the **total coliform bacteria MCL** for the month of **August 2014** as directed by the Department. At least one primary distribution method is required: mail, hand-delivery or newspaper publication. A second method is also required in order to reach persons not likely to be reached by a mailing, direct delivery or newspaper publication (renters, nursing home patients, prison inmates, etc.):

Notification was made on \_\_\_\_\_ 9/18/14 \_\_\_\_\_  
(date)

To summarize report delivery used and good-faith efforts used, please check all items below that apply and fill-in where appropriate:

- ☐ The notice was distributed by mail delivery to each customer served by the water system.
- ☐ The notice was distributed by direct delivery to each customer served by the water system. Specify direct delivery method(s) used: \_\_\_\_\_
- ☒ Publication of the notice in a local newspaper or newsletter of general circulation (attach a copy of the published notice, including name of newspaper and date published).
- ☐ Posted the notice at the following conspicuous locations served by the water system (if needed, please attach a list of locations). \_\_\_\_\_
- ☒ Posted the notice on the Internet at www.cityofhanfordca.com
- ☐ Other method used to notify customers. \_\_\_\_\_

**DISCLOSURE:** Be advised that Section 116725 and 116730 of the California Health and Safety Code state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in the county jail not to exceed one year, or by both the fine and imprisonment.

Certified by Name and Title: Mike Cosenza, Utility Superintendent  
Date: 9/18/14 Signature: 

Due to the Dept. of Health Services within 10 days of notification to the public  
Total Coliform MCL Failure / Enforcement Action No.: To be assigned

**PROOF OF NOTIFICATION**  
(Return with copy of the Notice)

As required by Section 116450 of the California Health and Safety Code, I notified all users of water supplied by the City of Hanford of the failure to meet the total coliform bacteria MCL for the month of September 2014 as directed by the Department. At least one primary distribution method is required: mail, hand-delivery or newspaper publication. A second method is also required in order to reach persons not likely to be reached by a mailing, direct delivery or newspaper publication (renters, nursing home patients, prison inmates, etc.):

Notification was made on 10/21/14  
(date)

To summarize report delivery used and good-faith efforts used, please check all items below that apply and fill-in where appropriate:

- ☐ The notice was distributed by mail delivery to each customer served by the water system.
- ☐ The notice was distributed by direct delivery to each customer served by the water system. Specify direct delivery method(s) used: \_\_\_\_\_
- ☒ Publication of the notice in a local newspaper or newsletter of general circulation (attach a copy of the published notice, including name of newspaper and date published).
- ☐ Posted the notice at the following conspicuous locations served by the water system (if needed, please attach a list of locations). \_\_\_\_\_
- ☒ Posted the notice on the Internet at www.cityofhanfordca.com
- ☐ Other method used to notify customers. \_\_\_\_\_

**DISCLOSURE:** Be advised that Section 116725 and 116730 of the California Health and Safety Code state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in the county jail not to exceed one year, or by both the fine and imprisonment.

Certified by Name and Title: Mike Cosenza, Utility Superintendent

Date: 10/21/14 Signature: 

Due to the Dept. of Health Services within 10 days of notification to the public  
Total Coliform MCL Failure / Enforcement Action No.: To be assigned

## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.  
Tradúzcalo o hable con alguien que lo entienda bien.

---

### City of Hanford Has Levels of Coliform Bacteria Above the Drinking Water Standard

---

Our water system recently failed a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what you should do, what happened and what we did to correct this situation.

We routinely monitor for drinking water contaminants. We took 163 samples to test for the presence of coliform bacteria in September, 2014. 5.11% of these samples showed the presence of total coliform bacteria. The standard is that no more than 5 percent of samples per month may show the presence of coliform bacteria.

#### What should I do?

- **You do not need to boil your water or take other corrective actions.**
- This is not an emergency. If it had been, you would have been notified immediately. Total coliform bacteria are generally not harmful themselves. *Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.*
- Usually, coliforms are a sign that there could be a problem with the treatment or distribution system (pipes). Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or *E. coli*, are present. **We did not find any of these bacteria in our subsequent testing.**
- People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1(800) 426-4791.
- If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

#### What happened? What is being done?

The City is currently chlorinating, flushing, and collecting bacteriological samples in the affected area which is primarily south of Highway 198. We will be continuing this chlorination plan until further notice.

For more information, please contact Public Utilities Superintendent, Mike Cosenza at (559) 585-2550 or at the following mailing address: City of Hanford, Public Works, 900 S. 10<sup>th</sup> Avenue, Hanford, CA 93230.

You may also contact the State Water Resources Control Board-Division of Drinking Water, Visalia District Office at (559) 447-3300.

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.*

#### Secondary Notification Requirements

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

This notice is being sent to you by the City of Hanford.

Date distributed: 10/21/2014.

**Attachment E:**  
**Section 64600 of Title 22, California Code of Regulations**

**§64600. Water System Operations and Maintenance Plan.**

(a) If directed by the Department to do so based on an identified deficiency in the system's operations, a water system shall develop and submit a Water System Operations and Maintenance Plan (Plan); the water system shall include those elements in the following list that are deemed by the Department to be relevant to the deficiency:

- (1) The operations and maintenance schedule for each unit process for each treatment plant that treats an approved surface water;
  - (2) The operations and maintenance schedule for each groundwater source and unit process;
  - (3) The schedule and procedure for flushing dead end mains, and the procedures for disposal of the flushed water including dechlorination;
  - (4) The schedule for routine inspection of reservoirs, and the procedures for cleaning reservoirs;
  - (5) The schedule and procedures for inspecting, repairing, and replacing water mains;
  - (6) The plan and procedures for responding to water supply emergencies;
  - (7) The plan and procedures for responding to consumer complaints;
  - (8) The schedule and procedures for testing backflow prevention assemblies;
  - (9) The schedule and procedures for routine exercising of water main valves;
  - (10) The schedule and program for maintenance and calibration of source flow meters and other online instruments used to determine the quality or quantity of water;
  - (11) The qualifications and training of operating personnel;
  - (12) The program for control of biological organisms on the interior walls of water mains;
- and
- (13) For an underground reservoir with a buried roof designed for a function in addition to covering the reservoir, a comprehensive routine inspection and monitoring plan to ensure that there is no contamination of the reservoir as a result of that additional function.

(b) Each water system that has prepared a Plan pursuant to subsection (a) shall operate in accordance with its Department-approved Plan.

(c) Each water system that has prepared a Plan pursuant to subsection (a) shall update the Plan at least once every five years and, in addition, following any change in the method of treatment or any other modification to the system requiring a change in the systems operations and maintenance.